

Claims

Replace the corresponding claims in the original application with the following amended claims:

Sub 1

30. A solid state light emitting device, comprising:
at least two active layers;
at least two pairs of oppositely doped layers,
each of said active layers sandwiched between one of
said pairs of oppositely doped layers, each of said
pairs of oppositely doped layers causing its
respective one of said active layers to emit light at
a predetermined wavelength in response to an
electrical bias across said at least two pairs; and
a doped substrate, said active layers and said
pairs of oppositely doped layers disposed on said
substrate such that said substrate absorbs at least
some of said light from at least one of said active
layers and re-emits light at a different wavelength.

B1

31. The light emitting device of claim 30, that emits
light which is a combination of light from said active
layers and said substrate.

Sub 2

41. The light emitting device of claim 30, comprising a
LED, said active layers emitting one color of light, said
substrate doped throughout with more than one impurity such
that it absorbs the light from said active layers, and re-
emit more than one color of light.

Sub 3

47. The light emitting device of claim 30, further
comprising electrical circuitry integrated with said device
on a common substrate.

Respectfully submitted,



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February 20, 2002

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